ISIP017US

SPECIFICATION AMENDMENTS

Please replace paragraph 91, which examiner indicates was cut off in the middle, with the following amended paragraph:

[0091] The present invention utilizes as x-ray source means*644*, preferably, but without limitation, a Kevex model 5039S X-ray source which generates up to 50 keV electrons at 1.0 mA. The resulting Bremstrahlung radiation from a tungsten target generates the primary x-ray beam from the source. The input x-ray flux must have sufficient energy and intensity to excite the metal ions captured in the pre-concentration cell *100* to fluoresce in order for detection to take place. Alternatively, the present invention could also utilize as x-ray source means *644* , a sealed x-ray source, obtainable from vendors such as Isotope Sciences of Canoga Park, California. The advantage of sealed sources is that they do not require power inputs from external sources. Similarly, any other type of x-ray source means *644* known in the art or which may become known in the art, which meets the functional requirements specified herein, is also suitable for use within the scope of this disclosure and its associated claims.